

Interconnect Fabric Module

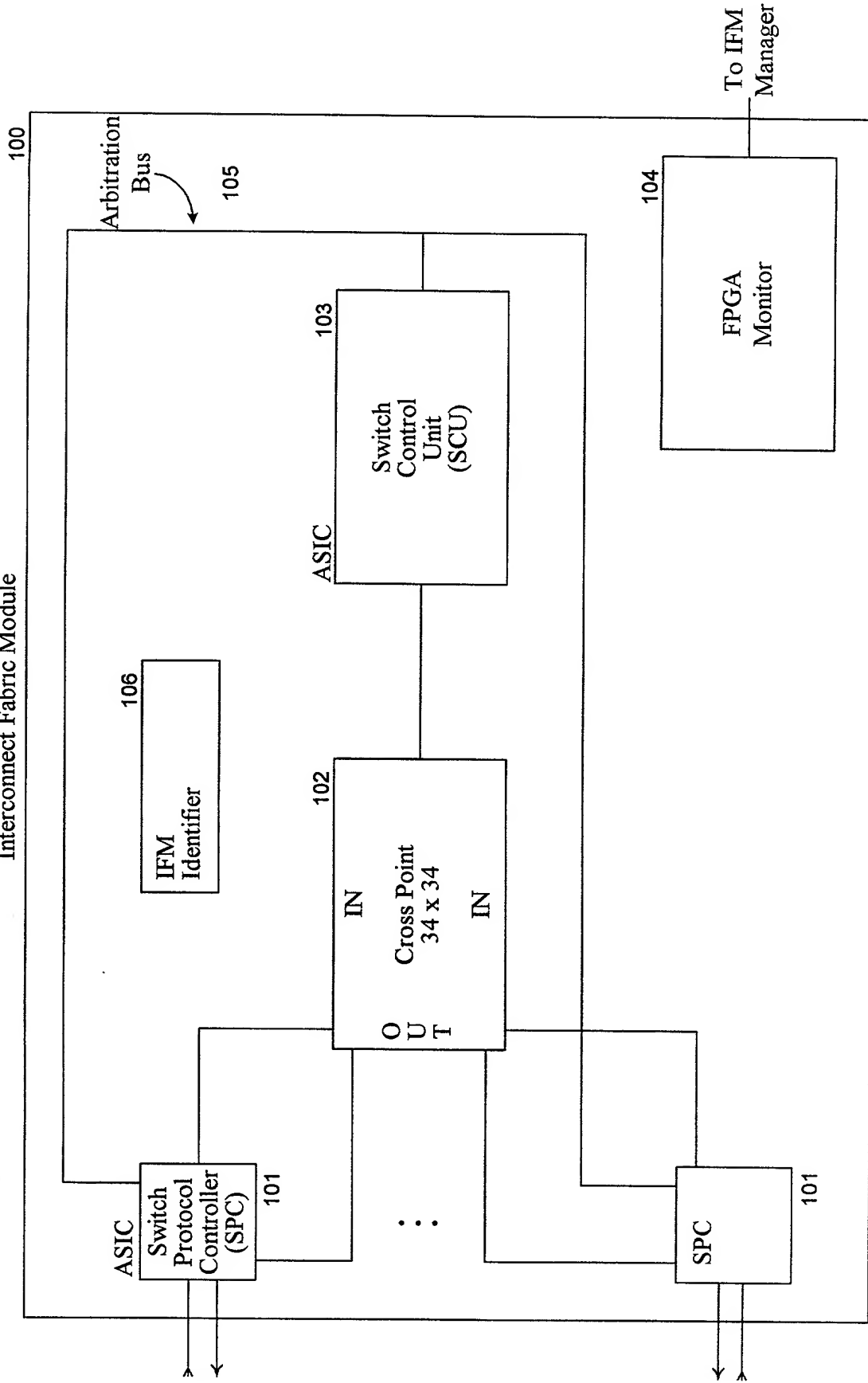


Fig. 1

4

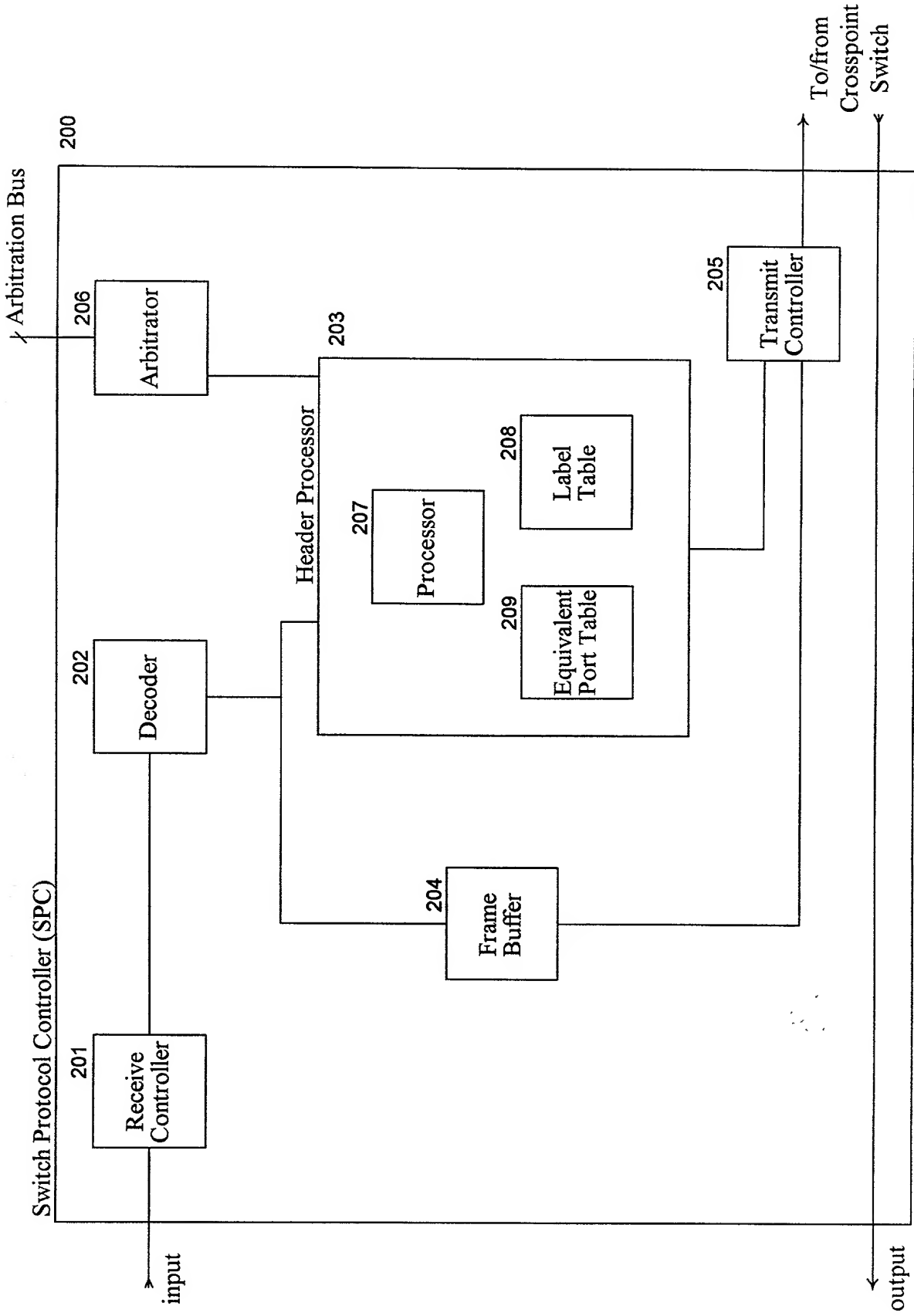


Fig. 2

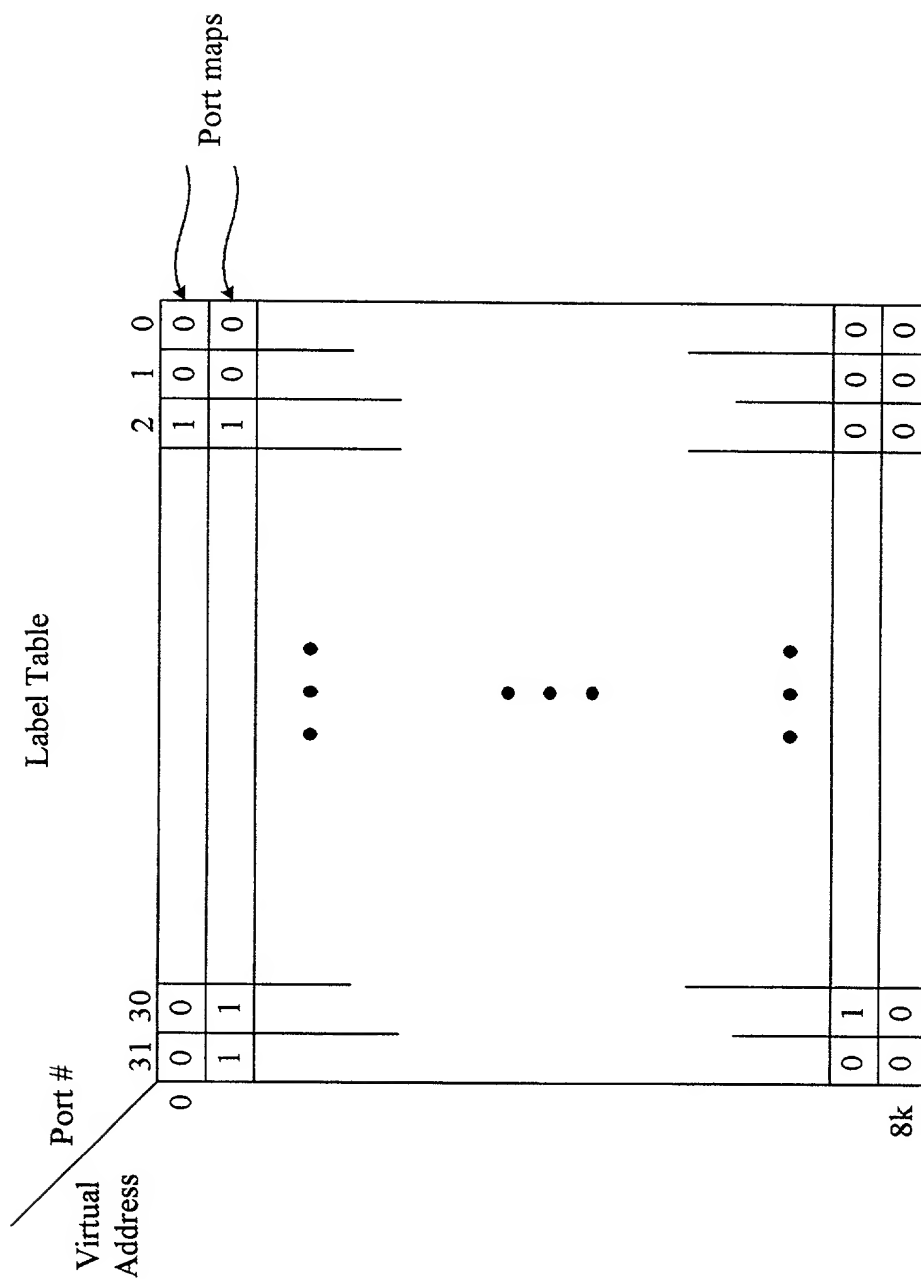


Fig. 3

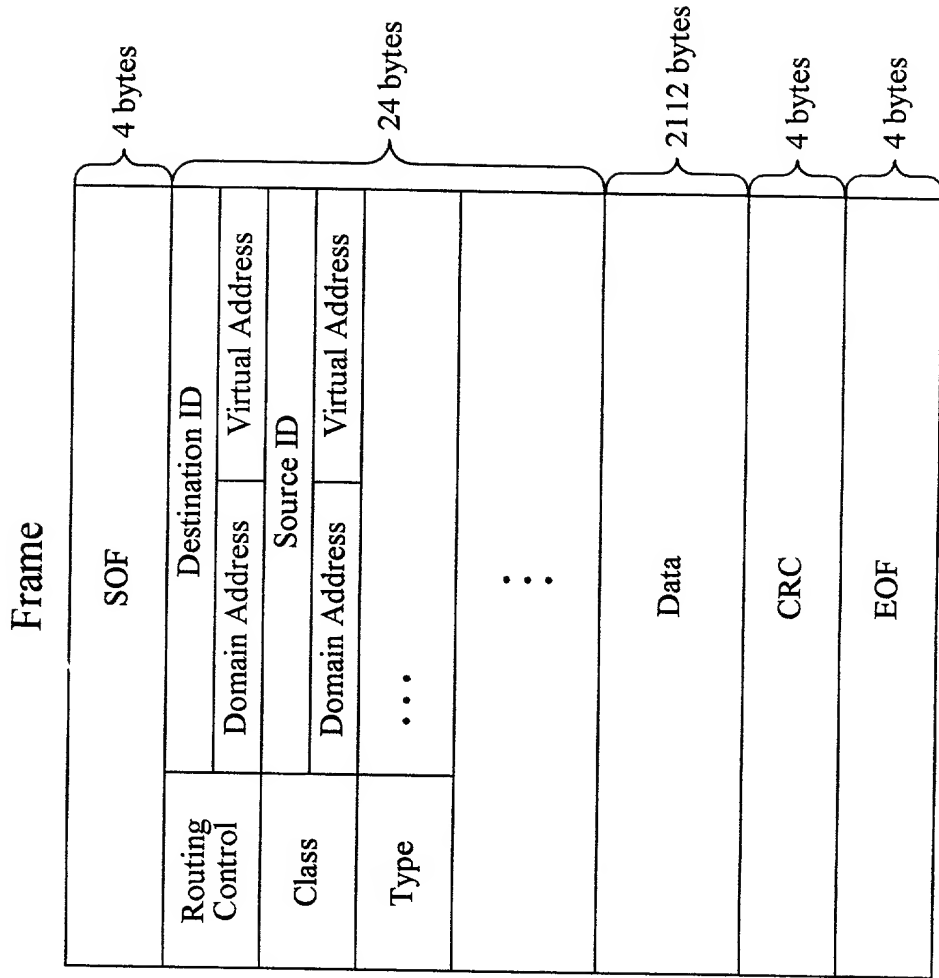


Fig. 4

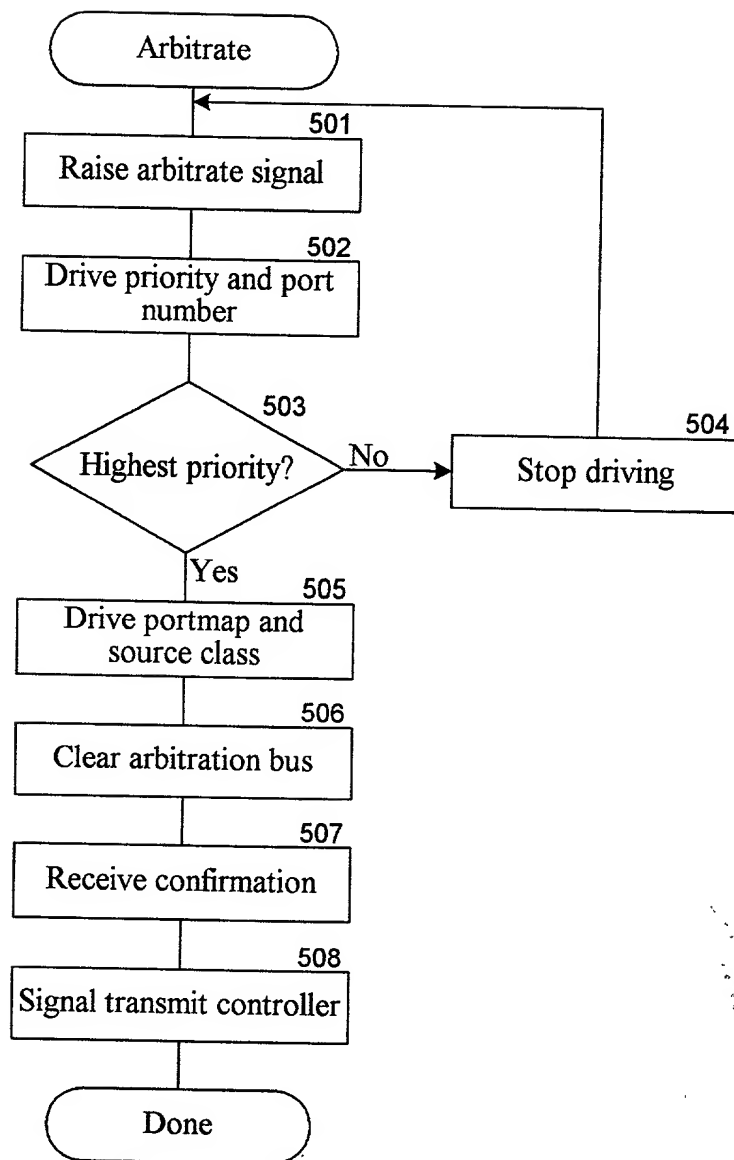


Fig. 5

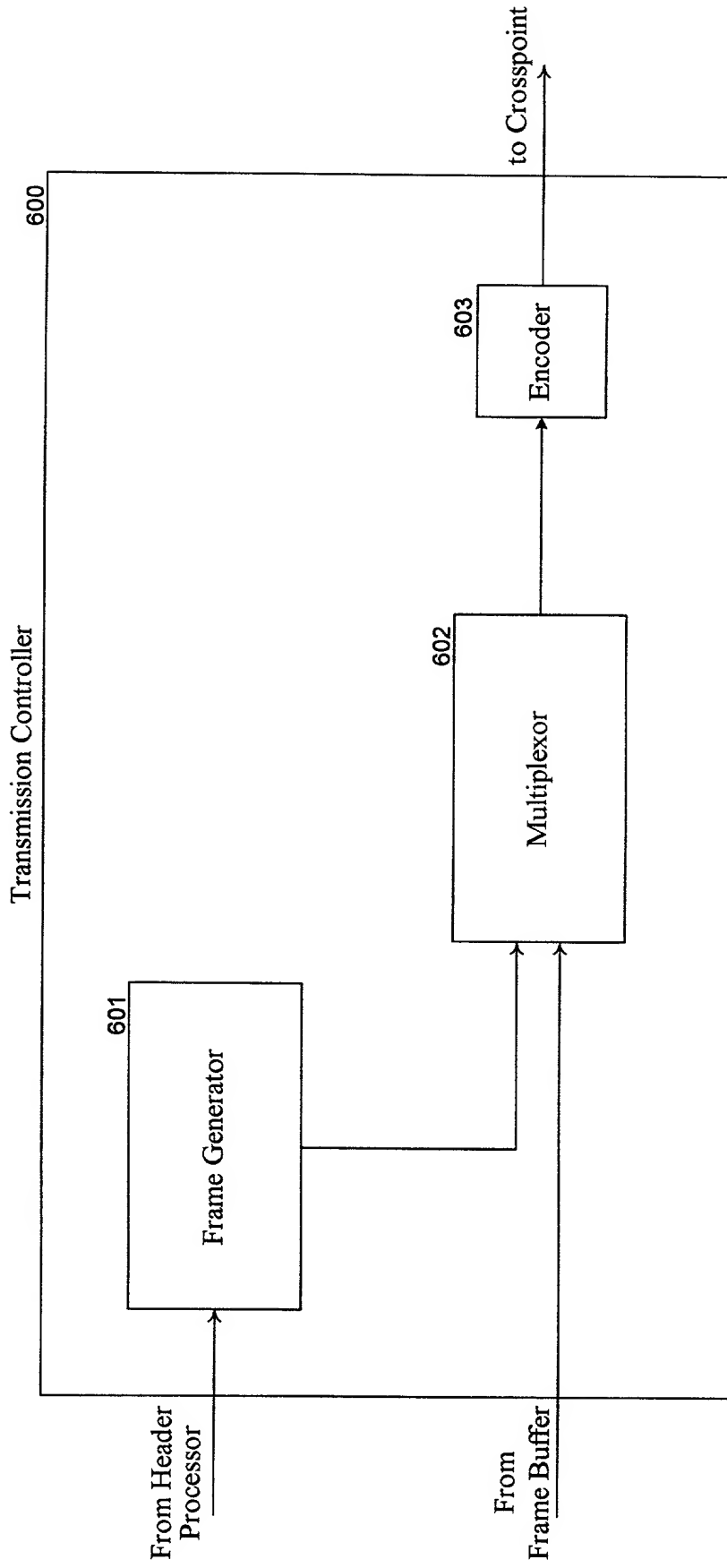
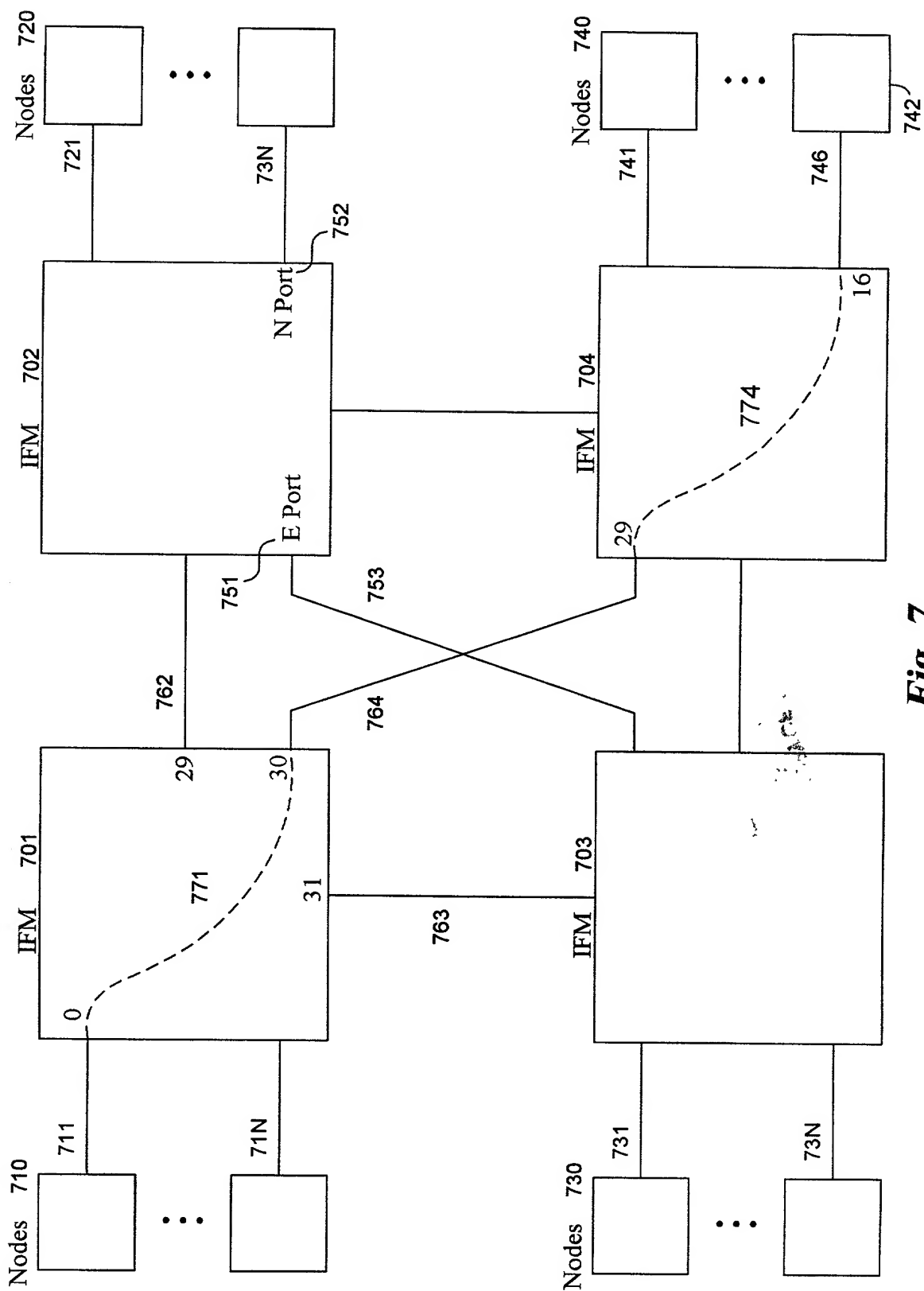


Fig. 6



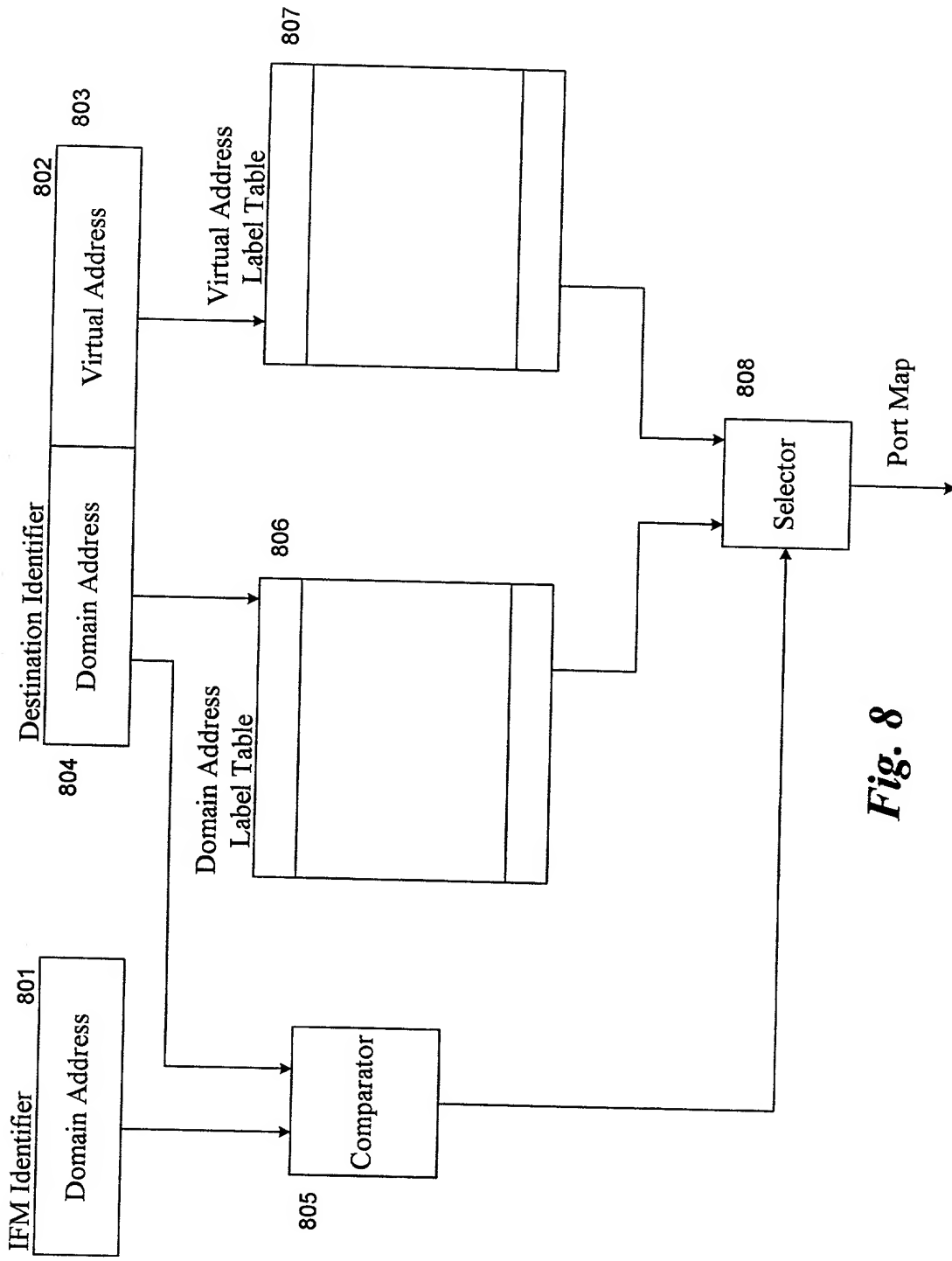


Fig. 8

Quad Switch Protocol Controller

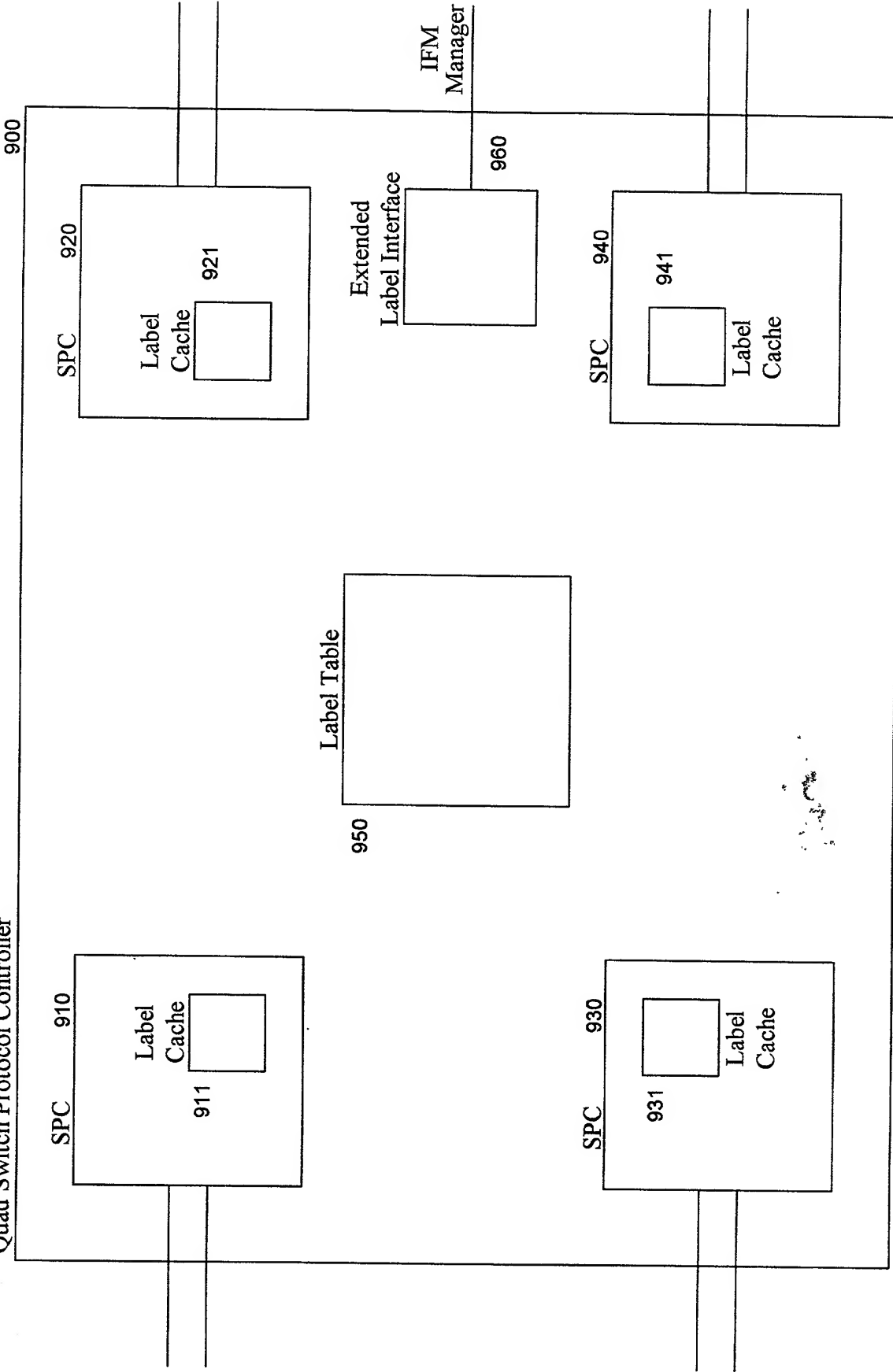


Fig. 9

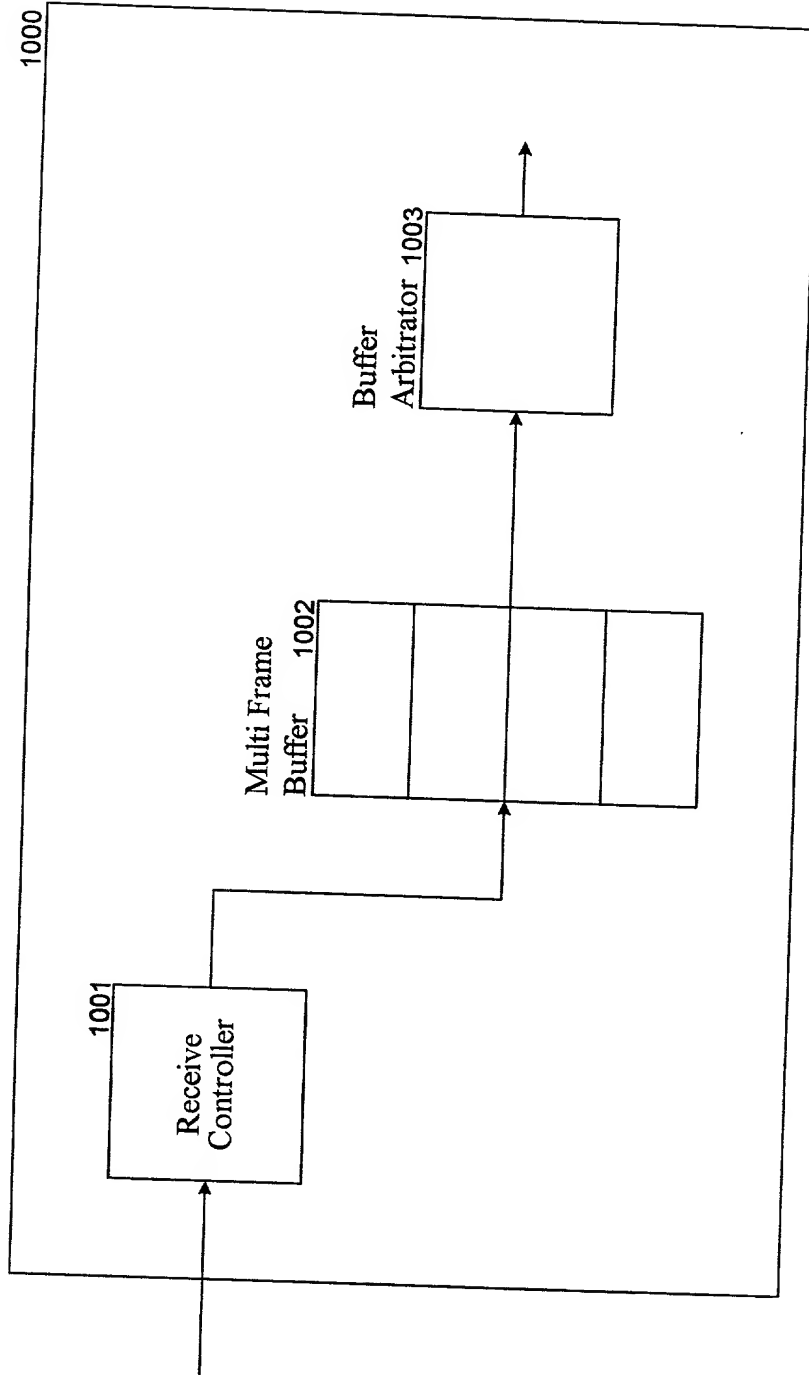


Fig. 10

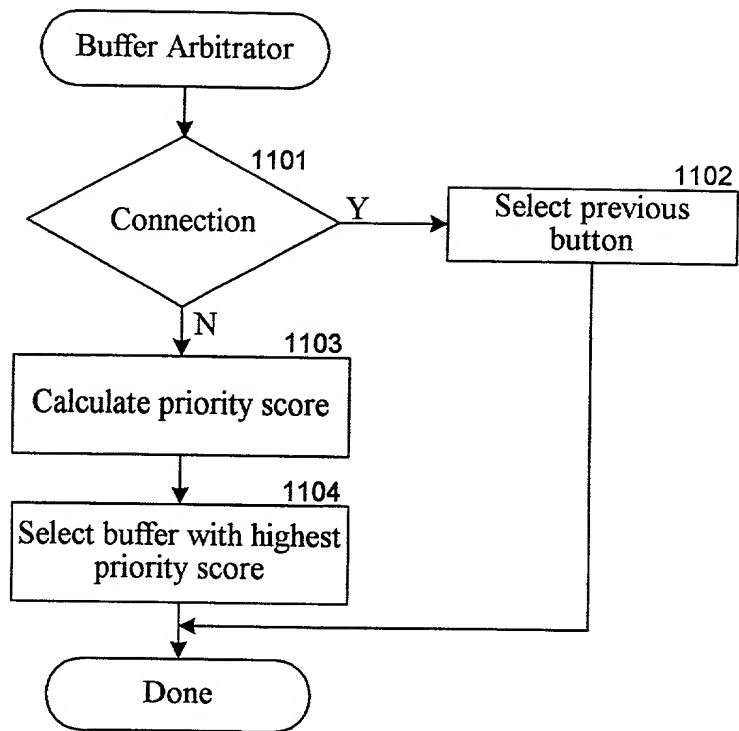


Fig. 11

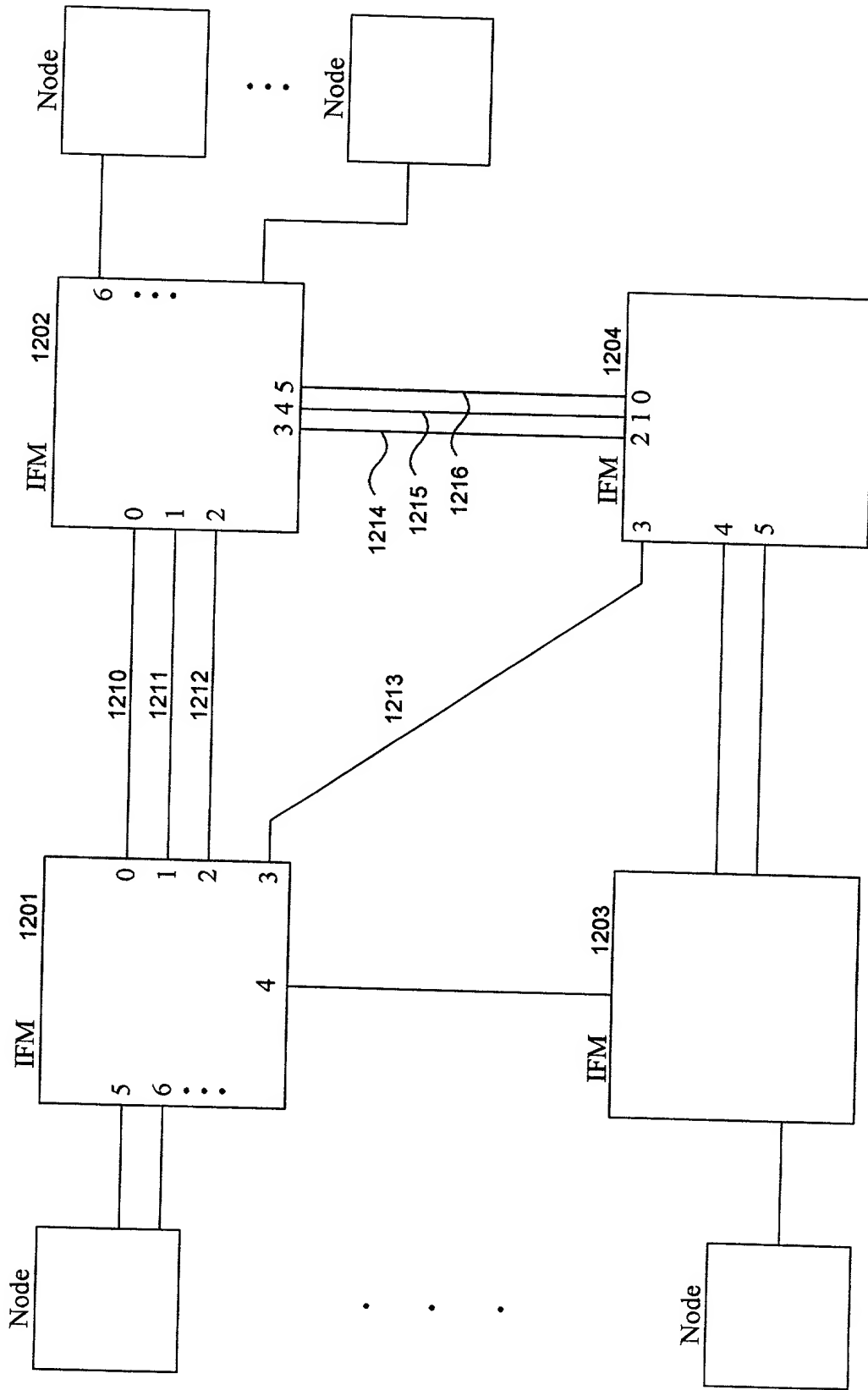


Fig. 12

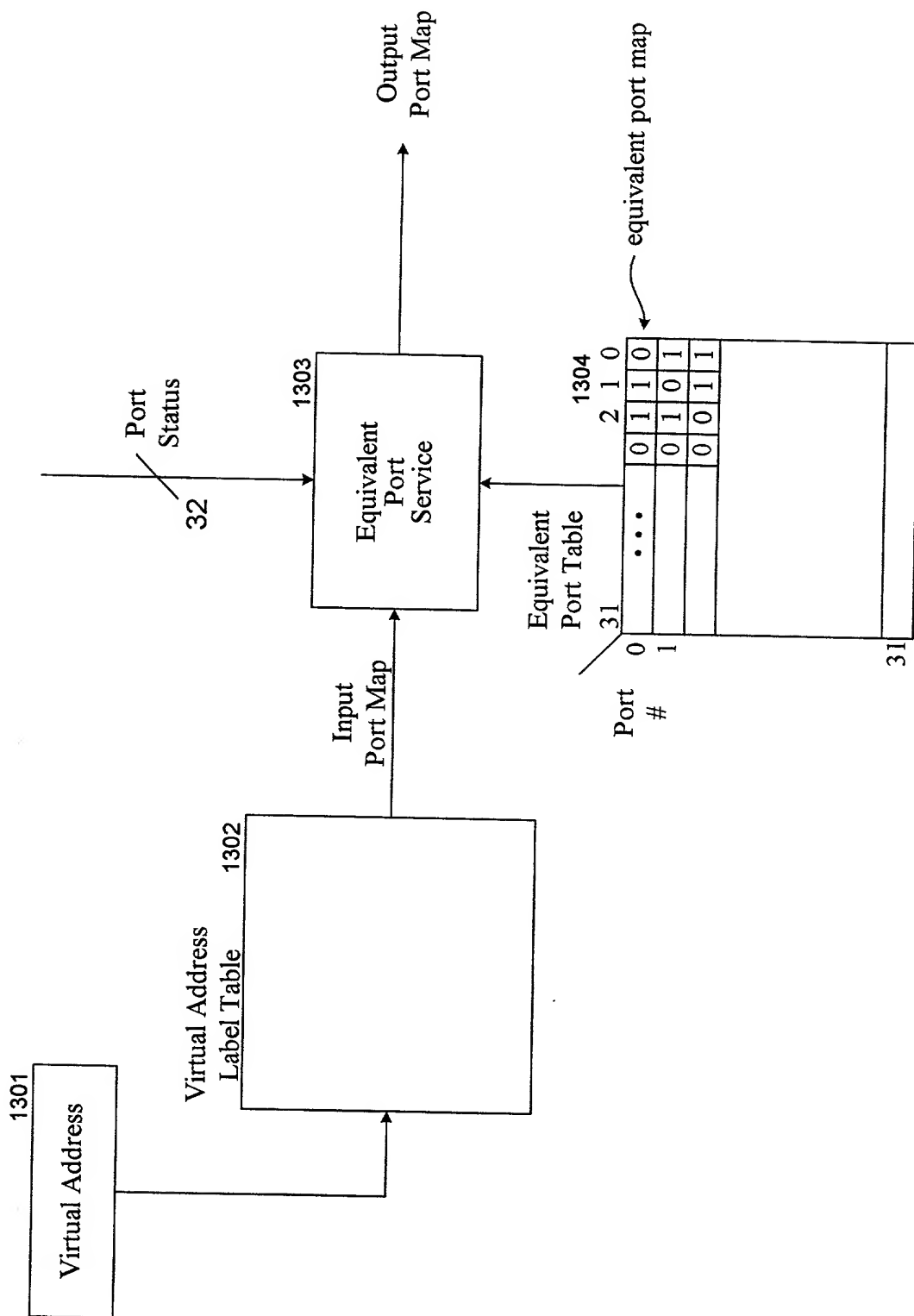


Fig. 13

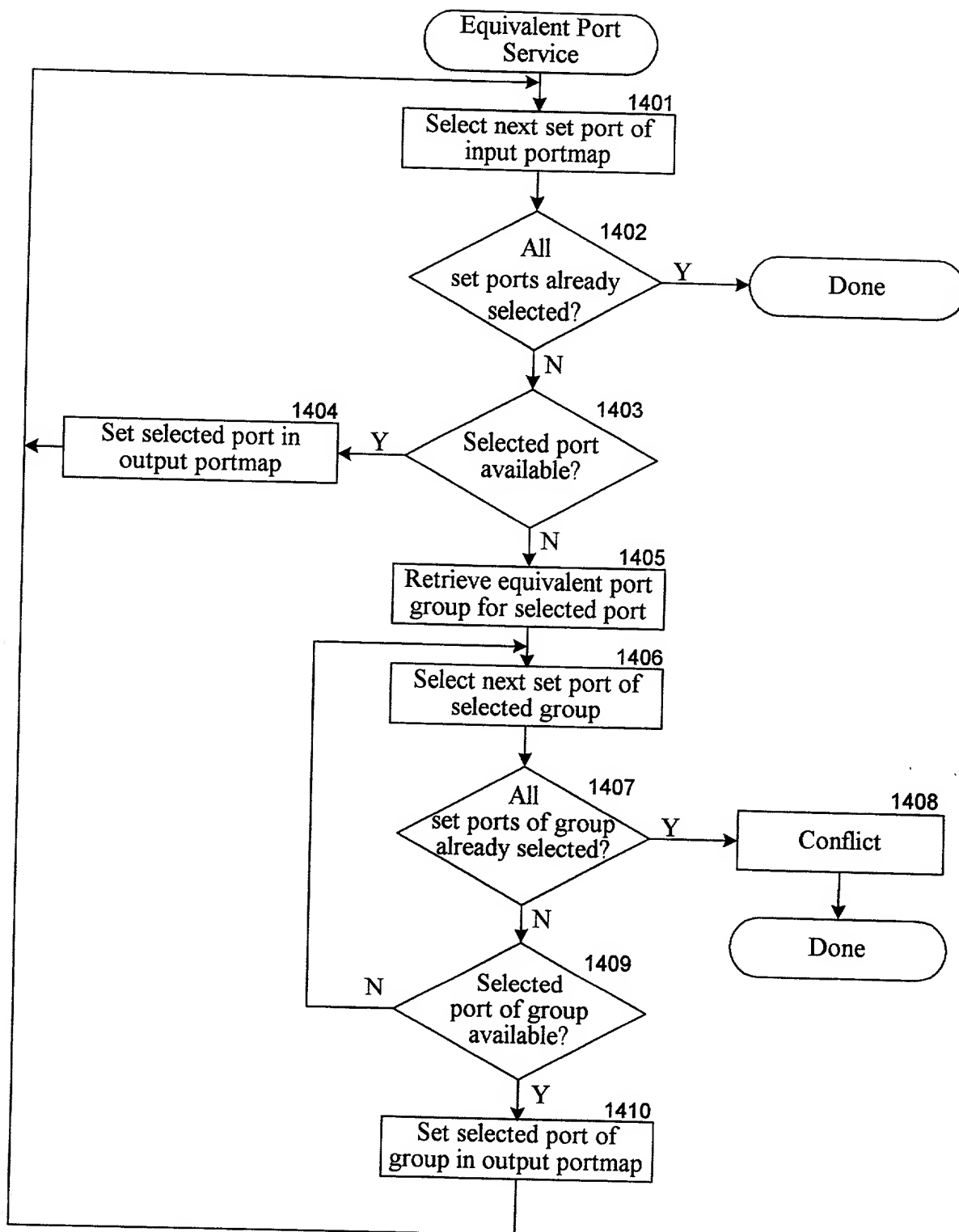


Fig. 14

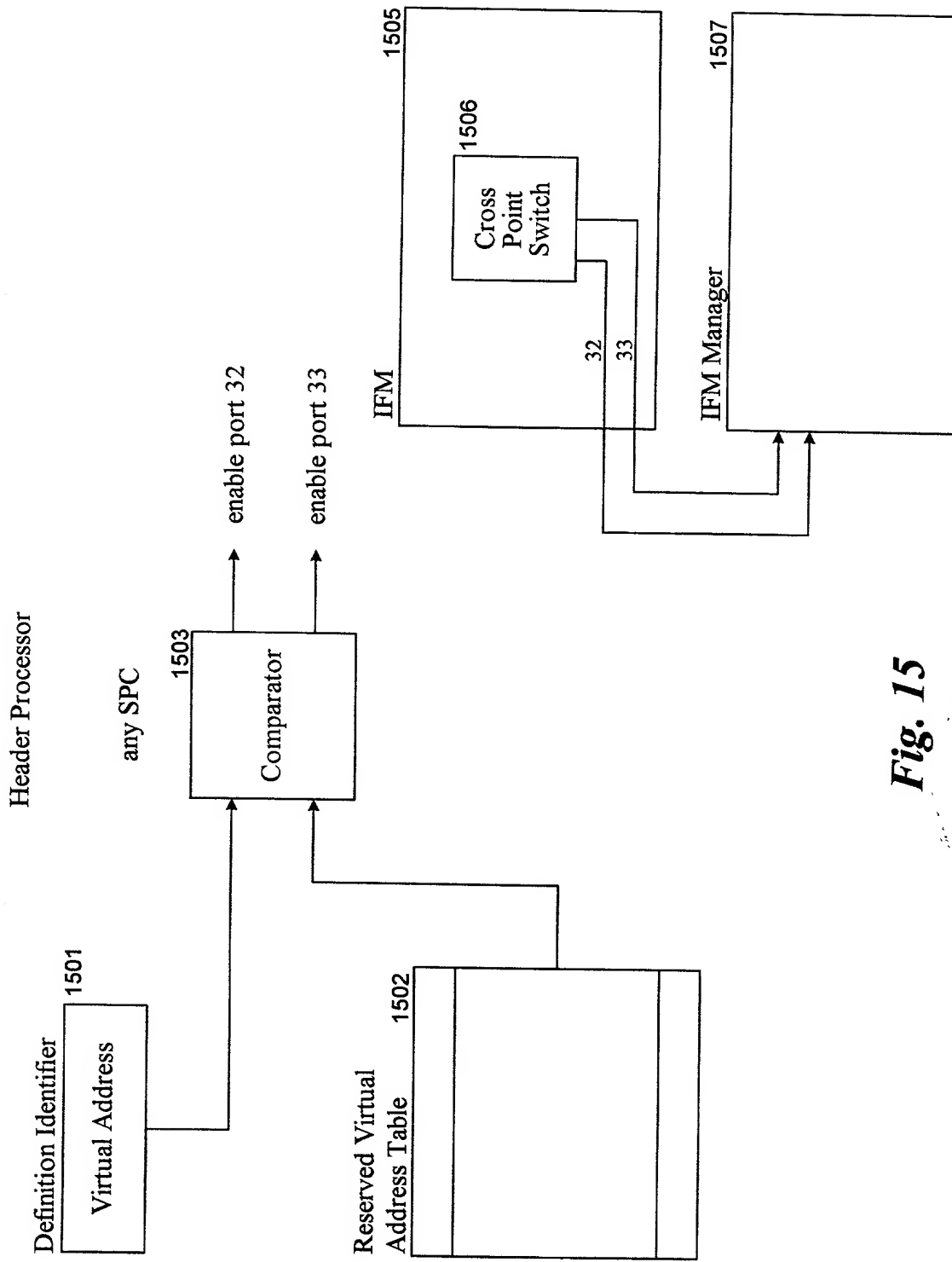
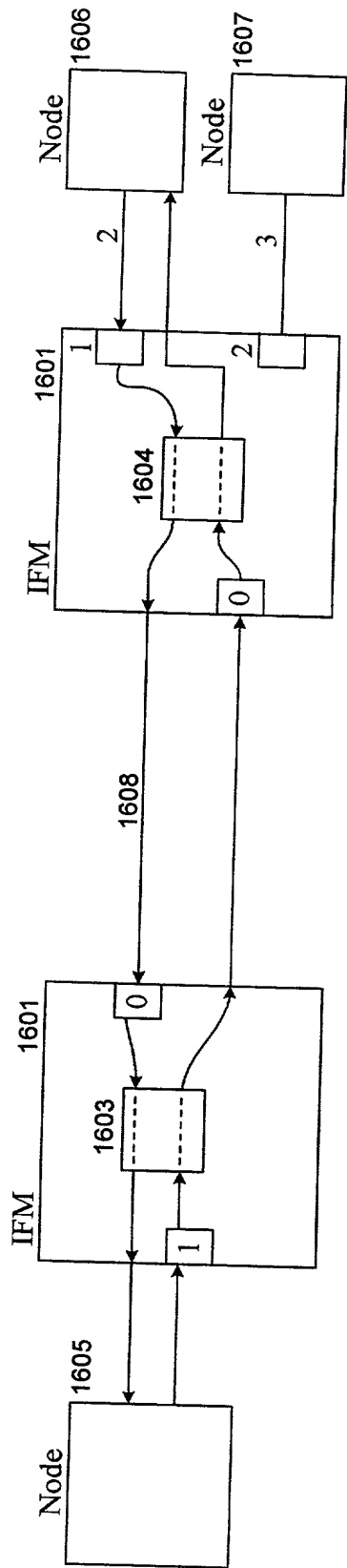


Fig. 15



Deadlock 1610

Time	Node 1605	IFM 1601	Node 1606	IFM 1602
0	Send start connect		Send start connect	
1		Connect 1↔0		Connect 2↔0
2		Forward start connect		Forward start connect
3		Can't forward start connect Node 1		Can't forward start connect

Fig. 16

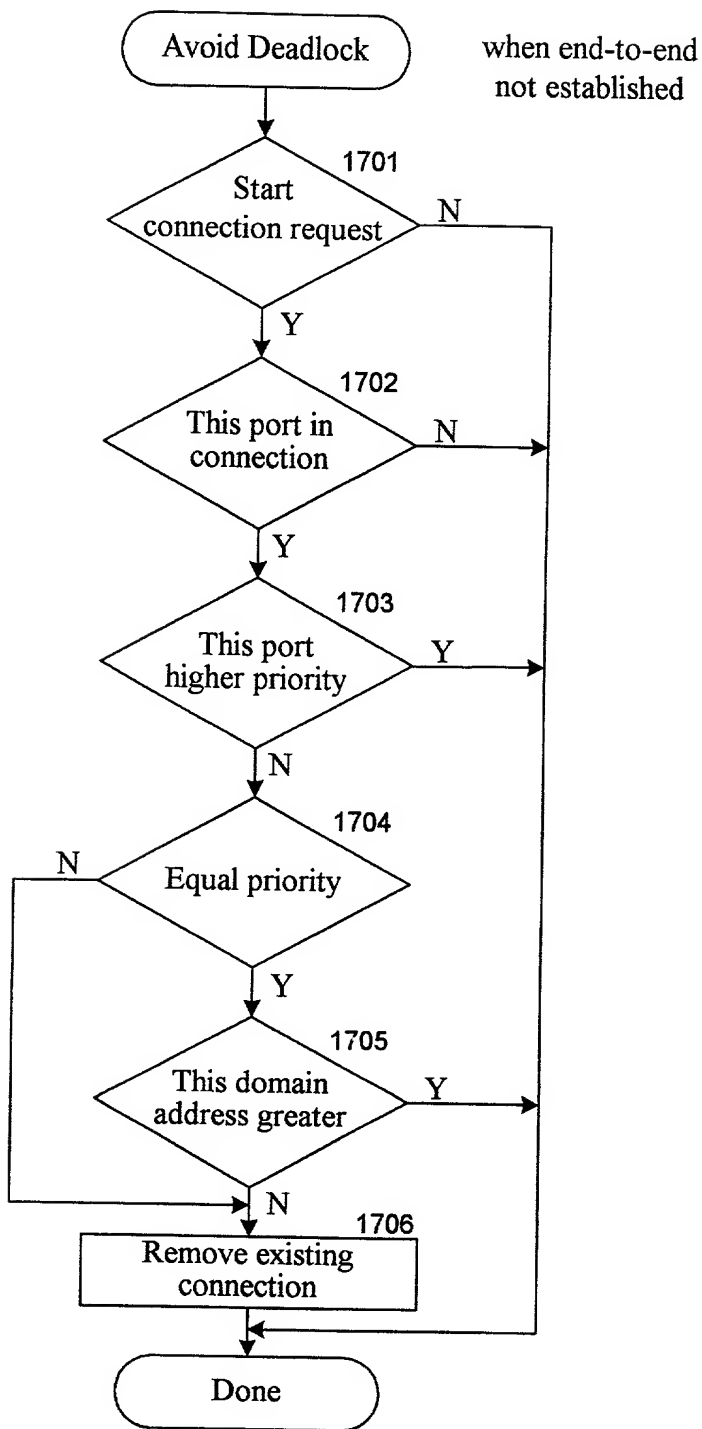


Fig. 17

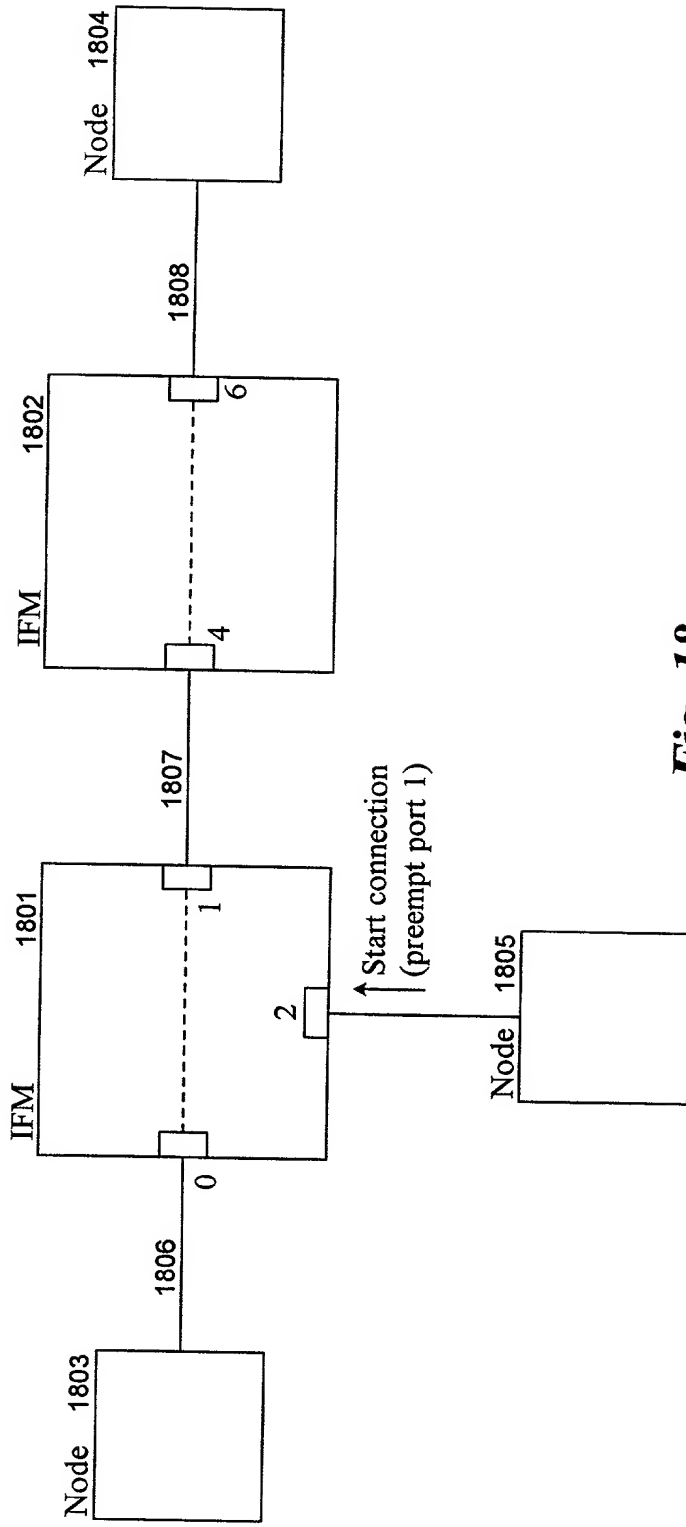


Fig. 18

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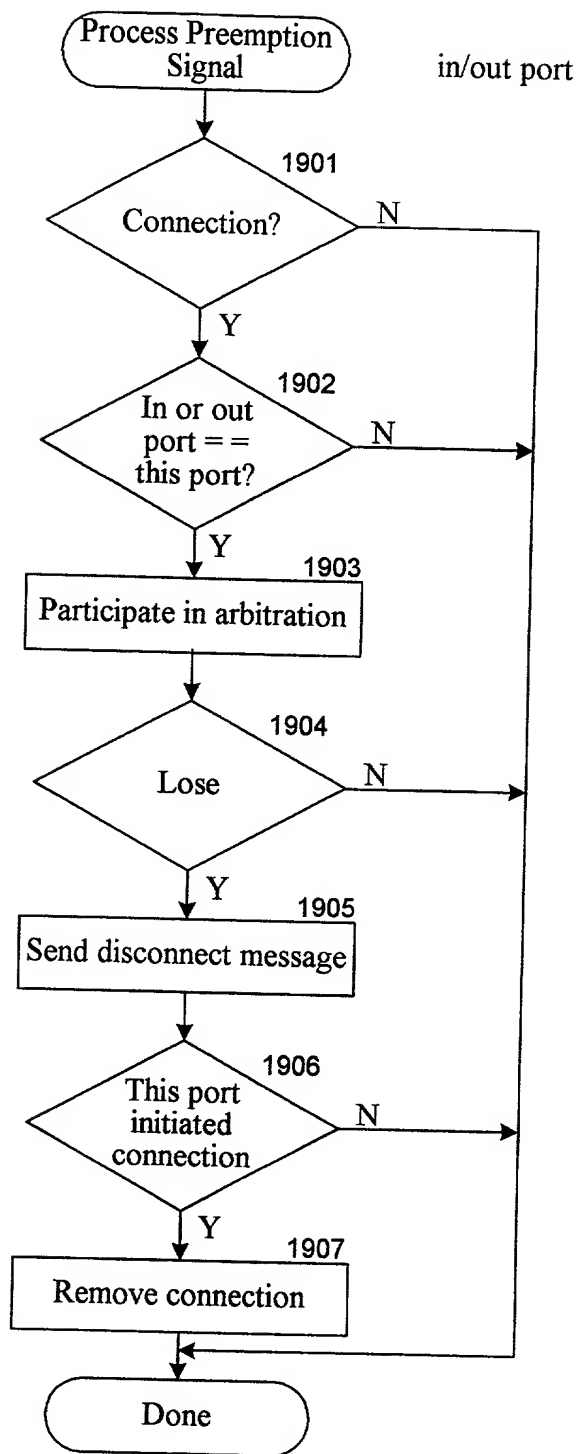


Fig. 19

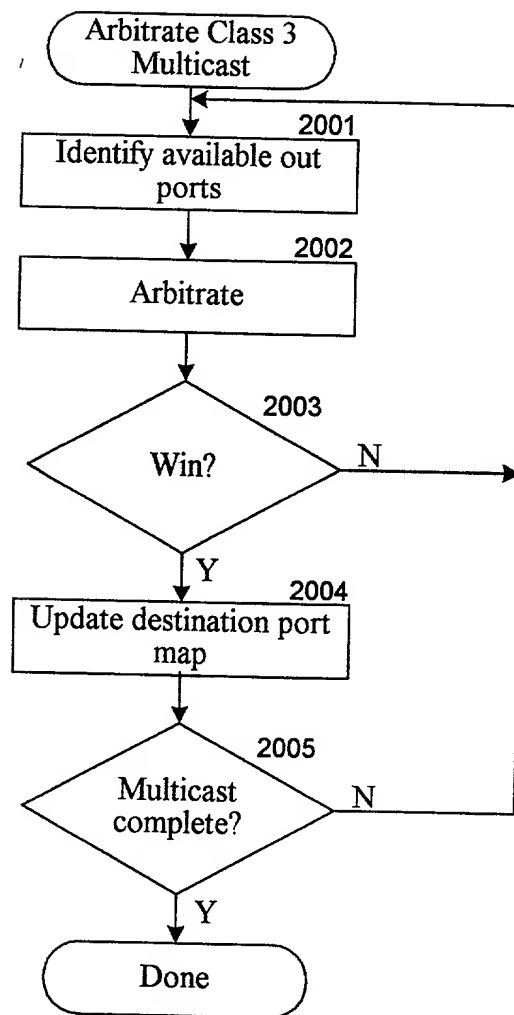


Fig. 20